PART B - FEE(S) TRANSMITTAL Complete and seria this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 AUG 14 2008 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885 INSTRUCTIONS: This orm should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate and proper correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. 27162 05/23/2008 7590 Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN 5 BECKER FARM ROAD ROSELAND, NJ 07068 ALAN J. GRANT (Signature) (Date 0 FIRST NAMED INVENTOR CONFIRMATION NO APPLICATION NO. FILING DATE ATTORNEY DOCKET NO Jeffrey W. Strovel 689290-274 6077 10/590.256 08/22/2006 TITLE OF INVENTION: CHEMO-CENTRIC SELECTION OF DISEASE-RELATED GENETIC PROFILES ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE APPLN, TYPE SMALL ENTITY YES \$720 \$300 ደብ \$1020 08/25/2008 nonprovisional 08/14/2008 CNGUYEN3 00000119 10590256 **EXAMINER** ART UNIT **CLASS-SUBCLASS** 01 FC:2501 720.00 OP 435-006000 MARTINELL, JAMES 1634 62 FC:1564 2. For printing on the patent front page, list 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). ELLIOT M. OLSTEIN (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ALAN J. GRANT (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) GERMANTOWN, MD AVALON PHAMACEUTICALS, INC. Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🚨 Corporation or other private group entity 🖵 Government 4a. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Issue Fee Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number __03_0678_ (enclose an extra copy of this form). 12 Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ■ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature ALAN J. GRANT 33,389 Typed or printed name Registration No.

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